

Form PTO-1449 (modified)

Atty. Docket No.:

Serial No.:

GENU:005US

10/577,003

**List of Patents and Publications for Applicant's****INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

**Applicant:****Surender KHARBANDA****Donald W. KUFE****Filing Date:****December 13, 2006****Group:****1643****U.S. Patent Documents***See Page 1-2***Foreign Patent Documents***See Page 2-3***Other Art***See Page 3-22***U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A5	2002/0110841	08/15/02	Kufe	435	7.23	12/26/01
	A6	2004/0166543	08/26/04	Kufe	435	7.23	12/11/03
	A7	2004/0209832	10/21/04	McSwiggen	514	44	09/23/03
	A8	2005/0042209	02/24/05	Kufe <i>et al.</i>	424	93.21	02/13/04
	A9	2005/0053606	03/10/05	Kufe <i>et al.</i>	424	155.1	09/11/01
	A10	2008/0090770	04/17/08	Belmares <i>et al.</i>	514	018	10/11/05
	A11	4,497,796	02/05/85	Salser <i>et al.</i>	514	44	12/08/82
	A12	4,675,382	06/23/87	Murphy	260	112	11/06/85
	A13	4,740,461	10/15/96	Kufe <i>et al.</i>	435	69.1	12/24/83
	A14	4,894,227	01/16/90	Stevens <i>et al.</i>	424	085.200	05/29/87
	A15	4,963,484	10/16/90	Kufe	435	069.300	01/29/88
	A16	5,053,489	10/01/91	Kufe	530	350	01/27/89
	A17	5,080,898	01/14/92	Murphy	424	94.1	02/21/89
	A18	5,506,343	04/09/96	Kufe	530	387.7	10/25/94
	A19	5,530,101	06/25/96	Queen <i>et al.</i>	530	387.3	12/19/90
	A20	5,565,334	10/17/94	Kufe <i>et al.</i>	435	69.1	10/17/94
	A21	5,612,895	03/18/97	Balaji <i>et al.</i>	702	19	04/21/95
	A22	5,776,427	07/07/98	Thorpe <i>et al.</i>	424	1.49	06/01/95
	A23	5,801,154	09/01/98	Baracchini <i>et al.</i>	514	44	04/08/97
	A24	5,861,381	01/19/99	Chambon <i>et al.</i>	514	44	06/07/95
	A25	5,998,148	12/07/99	Bennett <i>et al.</i>	435	6	04/08/99
	A26	6,004,746	12/21/99	Brent <i>et al.</i>	435	6	07/20/95
	A27	6,020,363	02/01/00	Hirano <i>et al.</i>	514	456	12/17/98

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### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A28	6,054,438	04/25/00	Taylor-Papadimitriou <i>et al.</i>	514	44	06/01/95
	A29	6,074,841	06/13/00	Gearing <i>et al.</i>	435	69.1	11/19/96
	A30	6,222,020	04/24/01	Taylor-Papadimitriou <i>et al.</i>	530	395	06/01/95
	A31	6,589,921	07/08/03	Herrmann <i>et al.</i>	514	456	02/27/01
	A32	6,716,627	08/07/03	Dobie <i>et al.</i>	514	44	12/20/01
	A33	6,716,627	04/06/04	Dobie	435	375	12/20/01
	A34	60/308,307	07/27/01	Kufe			07/27/01
	A35	60/502,111	09/11/03	Jecminek <i>et al.</i>			09/11/03

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B6	EP 1103623	07/01/98	Europe	English
	B7	WO 00/34468	06/15/00	WIPO	English
	B8	WO 00/77031	12/21/00	WIPO	English
	B9	WO 01/12217	02/22/01	WIPO	English
	B10	WO 01/18035	03/15/01	WIPO	English
	B11	WO 02/058450	08/01/02	WIPO	English
	B12	WO 02/22685	03/21/02	WIPO	English
	B13	WO 02/31512	04/18/02	WIPO	English
	B14	WO 03/014303	02/20/03	WIPO	English
	B15	WO 2004/092339	10/28/04	WIPO	English
	B16	WO 91/09867	07/11/99	WIPO	English
	B17	WO 93/20841	10/28/93	WIPO	English

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### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B18	WO 99/23114	05/14/99	WIPO	English

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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	C31	Abe <i>et al.</i> , "Sodium butyrate induction of milk-related antigens in human MCF-7 breast carcinoma cells," <i>Cancer Res.</i> , 44:4574-4577, 1984.
	C32	Adams and Cory, "The Bcl-2 Protein Family: Arbiters of Cell Survival," <i>Science</i> , 281:1322-1326, 1998.
	C33	Agrawal and Kandimalla, "Antisense therapeutics: is it as simple as complementary base recognition?" <i>Molecular Medicine Today</i> , 6:72-81, 2000.
	C34	Akagi <i>et al.</i> , "CA19-9 epitope a possible marker for MUC-1/Y protein," <i>Int. J. Oncol.</i> , 18:1085-1091, 2001.
	C35	Apostolopoulos <i>et al.</i> , "Production of anti-breast cancer monoclonal antibodies using a glutathione-S-transferase-MUC1 bacterial fusion protein," <i>British J. Cancer</i> , 67:713-720, 1993.
	C36	Arklie <i>et al.</i> , "Differentiation antigens expressed by epithelial cells in the lactating breast are also detectable in breast cancers," <i>Int. J. Cancer</i> , 28:23-29, 1981.
	C37	Ashkenazi and Dixit, "Apoptosis control by death and decoy receptors," <i>Curr. Opin. Cell Biol.</i> , 11:255-260, 1999.
	C38	Ashkenazi and Dixit, "Death Receptors: Signaling and Modulation," <i>Science</i> , 281:1305-1308, 1998.
	C39	Ashkenazi <i>et al.</i> , "Safety and antitumor activity of recombinant soluble Apo2 ligand," <i>J. Clin. Invest.</i> , 104:155-162, 1999.
	C40	Banerjee, "Omega amino acids in peptide design: incorporation into helices," <i>Biopolymers</i> , 39:769-77, 1996.
	C41	Barry and Sharkey, "Observer reproducibility during computer-assisted planimetric measurements of nuclear features," <i>Hum. Pathol.</i> , 16:225-7, 1985.

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Exam. Init.	Ref. Des.	Citation
	C42	Barry <i>et al.</i> , "Activation of programmed cell death (apoptosis) by cisplatin, other anticancer drugs, toxins and hyperthermia," <i>Biochemical Pharmacology</i> , 40:2353-2362, 1990.
	C43	Baruch <i>et al.</i> , "The breast cancer-associated MUC1 gene generates both a receptor and its cognate binding protein," <i>Cancer Res.</i> , 59:1552-1561, 1999.
	C44	Bass, "The short answer," <i>Nature</i> , 411:428-429, 2001.
	C45	Batra <i>et al.</i> , "Transfection of the human MUC1 mucin gene into a poorly differentiated human pancreatic tumor cell line, Panc1: integration, expression and ultrastructural changes," <i>J. Cell Science</i> , 100:841-849, 1991.
	C46	Bellgrau <i>et al.</i> , "A role for CD95 ligand in preventing graft rejection," <i>Nature</i> , 377:630-632, 1995.
	C47	Berger <i>et al.</i> , "Respiratory carcinoma cell lines: MUC genes and glycoconjugates," <i>American Journal of Respiratory Cell and Molecular Biology</i> , 20:500-510, 1999.
	C48	Bergeron <i>et al.</i> , "MAUB is a new mucin antigen associated with bladder cancer," <i>J. Biol. Chem.</i> , 271:6933-6940, 1996.
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	C50	Bird <i>et al.</i> , "Single-chain antigen-binding proteins," <i>Science</i> , 242:423-6, 1988.
	C51	Bitko <i>et al.</i> , "Inhibition of respiratory viruses by nasally administered siRNA," <i>Nature Med.</i> , 11:50-55, 2005.
	C52	Bodmer <i>et al.</i> , "Cysteine 230 is essential for the structure and activity of the cytotoxic ligand TRAIL," <i>J. Biol. Chem.</i> , 275:20632-20637, 2000.
	C53	Boldin <i>et al.</i> , "Involvement of MACH, a novel MORT1/FADD-interacting protease, in Fas/APO-1- and TNF receptor-induced cell death," <i>Cell</i> , 85:803-815, 1996
	C54	Brossart <i>et al.</i> , "Identification of HLA-A2-restricted T-cell epitopes derived from MUC1 tumor antigen for broadly applicable vaccine therapies," <i>Blood</i> , 93:4309-4317, 1999.
	C55	Brunner <i>et al.</i> , "pangolin encodes a Lef-1 homologue that acts downstream of Armadillo to transduce the Wingless signal in <i>Drosophila</i> ," <i>Nature</i> , 385:829-33, 1997.

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	C56	Bumcrot <i>et al.</i> , "RNAi therapeutics: a potential new class of pharmaceutical drugs," <i>Nature Chemical Biology</i> , 2:711-719, 2006.
	C57	Bunz, "Cell death and cancer therapy," <i>Curr. Opin. Pharmacol.</i> , 1:337-341, 2001.
	C58	Burchell <i>et al.</i> , "A short sequence, within the amino acid tandem repeat of a cancer-associated mucin, contains immunodominant epitopes," <i>Int. J. Cancer</i> , 44:691-696, 1989.
	C59	Burchell <i>et al.</i> , "Development and characterization of breast cancer reactive monoclonal antibodies directed to the core protein of the human milk mucin," <i>Cancer Res.</i> , 47:5476-5482, 1987.
	C60	Burns and El-Deiry, "Identification of inhibitors of TRAIL-induced death (ITIDs) in the TRAIL-sensitive colon carcinoma cell line SW480 using a genetic approach," <i>J. Biol. Chem.</i> , 276:37879-37886, 2001.
	C61	Burton <i>et al.</i> , "Epithelial mucin (MUC1) expression and MA5 anti-MUC1 monoclonal antibody targeting in multiple myeloma," <i>Clin. Can. Res.</i> , 5:3065s-3072s, 1999.
	C62	Busfield <i>et al.</i> , "Characterization of a neuregulin-related gene, <i>Don-1</i> , that is highly expressed in restricted regions of the cerebellum and hippocampus," <i>Mol. Cell. Biol.</i> , 17:4007-4014, 1997.
	C63	Cawley <i>et al.</i> , "Epidermal growth factor-toxin A chain conjugates: EGF-Ricin A is a potent toxin while EGF-Diphtheria fragment A is nontoxic," <i>Cell</i> , 22:563-570, 1980.
	C64	Chang <i>et al.</i> , "Artificial hybrid protein containing a toxic protein fragment and a cell membrane receptor-binding moiety in a disulfide conjugate," <i>J. Biol. Chem.</i> , 252:1515-1522, 1977.
	C65	Chang <i>et al.</i> , "Ligands for ErbB-family receptors encoded by a neuregulin-like gene," <i>Nature</i> , 387:509-512, 1997.
	C66	Chaudhary <i>et al.</i> , "A rapid method of cloning functional variable-region antibody genes in <i>Escherichia coli</i> as single-chain immunotoxins," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 87:1066-70, 1990.
	C67	Chaudhary <i>et al.</i> , "Activity of a recombinant fusion protein between transforming growth factor type alpha and <i>Pseudomonas</i> toxin," <i>Proc. Natl. Acad. Sci. USA</i> , 84:4538-4542, 1987.
	C68	Ciborowski <i>et al.</i> , "Screening of anti-MUC1 antibodies for reactivity with native (ascites) and recombinant (baculovirus) MUC1 and for blocking MUC1 specific cytotoxic T-lymphocytes," <i>Tumor Biology</i> , 19:147-151, 1998.

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	C70	Creagan <i>et al.</i> , "Phase III clinical trial of the combination of cisplatin, dacarbazine, and carbustine with or without tamoxifen in patients with advanced malignant melanoma," <i>J. Clin. Oncol.</i> , 17:1884-1890, 1999.
	C71	Croghan <i>et al.</i> , "Tissue distribution of an epithelial and tumor-associated antigen recognized by monoclonal antibody F36/22," <i>Cancer Res.</i> , 43:4980-4988, 1983.
	C72	Daniel and Reynolds, "The catenin p120(ctn) interacts with Kaiso, a novel BTB/POZ domain zinc finger transcription factor," <i>Mol. Cell. Biol.</i> , 19:3614-23, 1999.
	C73	Datta <i>et al.</i> , "Overexpression of Bcl-XL by cytotoxic drug exposure confers resistance to ionizing radiation-induced internucleosomal DNA fragmentation," <i>Cell Growth Differ.</i> , 6:363-370, 1995.
	C74	Dawson <i>et al.</i> , "Synthesis of proteins by native chemical ligation," <i>Science</i> , 266:776-779, 1994.
	C75	Deng <i>et al.</i> , "TRAIL-induced apoptosis requires Bax-dependent mitochondrial release of Smac/DIABLO," <i>Genes Dev.</i> , 16:33-45, 2002.
	C76	Derossi <i>et al.</i> , "Cell internalization of the third helix of the Antennapedia homeodomain is receptor-independent," <i>J. Biol. Chem.</i> , 271:18188-93, 1996.
	C77	Derossi <i>et al.</i> , "The third helix of the Antennapedia homeodomain translocates through biological membranes," <i>J. Biol. Chem.</i> , 269:10444-50, 1994.
	C78	Deveraux and Reed, "IAP family proteins--suppressors of apoptosis," <i>Genes Dev.</i> , 13:239-52, 1999.
	C79	Dillman, "Antibodies as cytotoxic therapy," <i>J. Clin. Oncology</i> , 12:1497-1515, 1994.
	C80	Dorn <i>et al.</i> , "Down-regulation of the human tumor antigen mucin by gemcitabine on the pancreatic cancer cell line capan-2," <i>Anticancer Research</i> , 24:821-826, 2004.
	C81	Doyle, "Crystal structures of a complexed and peptide-free membrane protein-binding domain: molecular basis of peptide recognition by PDZ," <i>Cell</i> , 85:1067-76, 1996.
	C82	Drucker <i>et al.</i> , "Tamoxifen enhances apoptotic effect of cisplatin on primary endometrial cell cultures," <i>Anticancer Research</i> , 23:1549-1554, 2003.

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	C84	Dykxhoorn <i>et al.</i> , "The silent treatment: siRNAs as small molecule drugs," <i>Gene Therapy</i> , 13:541-552, 2006.
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	C86	Elbashir <i>et al.</i> , "RNA interference is mediated by 21- and 22-nucleotide RNAs," <i>Genes and Development</i> , 15:188-200, 2001.
	C87	Elliot and O'Hare, "Intercellular trafficking and protein delivery by a herpesvirus structural protein," <i>Cell</i> , 88:223-33, 1997.
	C88	Elmquist <i>et al.</i> , "VE-cadherin-derived cell-penetrating peptide, pVEC, with carrier functions," <i>Exp. Cell Res.</i> , 269:237-44, 2001.
	C89	Emoto <i>et al.</i> , "Proteolytic activation of protein kinase C delta by an ICE-like protease in apoptotic cells," <i>EMBO J.</i> , 14:6148-6156, 1995.
	C90	Faivre <i>et al.</i> , "Supraadditive effect of 2',2'difluorodeoxycytidine (gemcitabine) in combination with oxaliplatin in human cancer cell lines," <i>Cancer Chemother. Pharmacol.</i> , 44:117-123, 1999.
	C91	Feigl, "2,8-Dimethyl-4-(carboxymethyl)-6-(aminomethyl)phenoxythiin S-Dioxide: An Organic Substitute for the beta-Turn in Peptides," <i>J. Amer. Chem. Soc.</i> , 108:181-2, 1986.
	C92	Finn <i>et al.</i> , "MUC-1 Epithelial Tumor Mucin-Based Immunity and Cancer Vaccines," <i>Immunol. Rev.</i> , 145:61-89, 1995.
	C93	Fontenot <i>et al.</i> , "Biophysical characterization of one-, two-, and three-tandem repeats of human musin (muc-1) protein core," <i>Cancer Research</i> , 53:5386-5394, 1993.
	C94	Frankel and Pabo, "Cellular uptake of the tat protein from human immunodeficiency virus," <i>Cell</i> , 55:1189-93, 1989.
	C95	French and Tschopp, "Inhibition of Death Receptor Signaling by FLICE-inhibitory Protein as a Mechanism for Immune Escape of Tumors," <i>J. Exp. Med.</i> , 190:891-893, 1999.
	C96	Futaki <i>et al.</i> , "Arginine-rich peptides. An abundant source of membrane-permeable peptides having potential as carriers for intracellular protein delivery," <i>J. Biol. Chem.</i> , 276:5836-40, 2001.

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	C98	Geisbert <i>et al.</i> , "Postexposure Protection of Guinea Pigs against a Lethal Ebola Virus Challenge is Conferred by RNA Interference," <i>J. Infectious Diseases</i> , 193:1650-1657, 2006.
	C99	Gendler <i>et al.</i> , "Molecular cloning and expression of human tumor-associated polymorphic epithelial mucin," <i>J. Biol. Chem.</i> , 265:15286-15293, 1990.
	C100	George, D.G. <i>et al.</i> , "Chapter 12. Current Methods in Sequence Comparison and Analysis," in: <i>Macromolecular Sequencing and Synthesis. Selected Methods and Applications</i> , Alan R. Liss, Inc., pp. 127-149 (1988).
	C101	Gopalakrishnan <i>et al.</i> , "Application of Micro Arrayed Compound Screening (microARCS) to identify inhibitors of caspase-3," <i>J. Biomol. Screen</i> , 7:317-23, 2002.
	C102	Green and Loewenstein, "Autonomous functional domains of chemically synthesized human immunodeficiency virus tat trans-activator protein," <i>Cell</i> , 55:1179-88, 1989.
	C103	Griffith <i>et al.</i> , "CD95-Induced Apoptosis of Lymphocytes in an Immune Privileged Site Induces Immunological Tolerance," <i>Immunity</i> , 5:7-16, 1996.
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List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Surender KHARBANDA Donald W. KUFE	
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List of Patents and Publications for Applicant's		Applicant: Surender KHARBANDA Donald W. KUFE	
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		Surender KHARBANDA	
		Donald W. KUFE	
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EXAMINER: /David Blanchard/

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